Laboratory Equipment Manufacturer
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CEN-MLKFT-EC

Gerber Milk Centrifuge (Table-top Milk Centrifuge)

User's Manual

PLEASE READ THIS MANUAL CAREFULLY BEFORE OPERATION

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1、 Model and Name

CEN-MLKFT-EC Gerber Milk Centrifuge (Table-top).

2、 Uses

CEN-MLKFT-EC (Table top milk centrifuge) is Special equipment for analysis of hygienic standard of milk and dairy products, matching with the Gerber milk tube, respectively, relative density and fat in the milk and milk products are standards of physical and chemical testing.

Applicable to milk and milk products, pharmaceutical, chemical industry, in areas such as health food after isolated from milk fat measuring volume or percentage.

3、 Major specifications and technical parameters

Max speed	1500r/min
Max RCF	504×g
Max semidiameter	200mm（with heating）
Operational way of the rotor	Angle rotor
Capacity	8 glasses of gerber milk tube
Timer range	0～99min
Speed accuracy	±50r/min
Noise	≤65dB
Power supply	AC220V 50HZ 10A
Dimensions	620×560×600mm(L×W×H)
Weight	55kg

4、 Rotor

Operational way of the rotor	Centrifuge tubes(50ml)
Angle rotor	8 glasses of gerber milk tube

5、 Structure and features

CEN-MLKFT-EC is directly driven by a motor. A special vibration absorber is adopted to reduce vibration, achieving a very good autobalancing effect. Low vibration leads to low noise. The rotor is made of high-intensity materials. Computer-cotrolled, all digital display for stable speed and timer, high accuracy, low noise, beauty appearance and quickly for start and stop, it is good for the users.

6、 Requirement for the installation

a) The table top should be solid and flat to prevent vibration during operation. The centrifuge should not be moved.

b) The power supply should include an individual ground wire. Zero wire is prohibited to be used as ground wire so as to prevent any human injury by electricity.

c) Caustic gases or electromagnetic fields should be away from the machine to prevent undue invalidation of the protective surface and interference on electrical components.

d) The centrifuge should be horizontally placed to ensure even

support of the four vibration-absorbing feet.

7、 Operation procedures

1)Switch on the power ,press the power switch(behind of the machine),the power indicator lamp ,display screen and stop will be on .Respectively press menu key, and right bottom lamp of all display screen is on ,press“□”、“□” key and input accordingly presetting value, and the press enter key, lamp disappear, it indicate end of the display screen set the value.

2)Gently push door lid, Put the centrifugal Gerber tubes added with centrifugate into the rotor in a symmetrical way.

3)Close the door lid, and then press start key to work.

4)When the TIMER turns to zero, the machine will automatically stop.

5)If continue part,l no change should be made on the preset timer values , press the START button . If change is needed, go to Step 1.

6)Need restart operate when close the supply power.

7)Turn off the power when the machine is not on use.

Note: machine can't work when temperature is under of 40□.

The error of display

Troubleshooting	Reason
E-1	Imbalance
E-2	Over-speed

E-3	The door lid
E-7	No speed
E-8	Communication error

8、 Warranty period

1) The warranty period for the main frame is one year.
2) The warranty period for the plastic rotor is three years.
3) When the warranty period expires, the rotor should be replaced with a new one. Our company will assume to responsibility for any accidents incurred from inability to replace the rotor timely.

9、 Notes

1) When the centrifuge is running, do not move it , and do not open the lid .
2) Any break of the glass tube during centrifugating will cause large vibration. The centrifuge should be immediately stopped and the broken tubes should be replaced.
3) If alarming sound occurs, please turn off the power and restart the procedures.
4) In the presence of any abnormality, do not open the machine for repair by yourselves. Please contact the manufacturer.

CEN-MLKFT-EC Table top Milk Centrifuge

Packing List (standard items with order)

Number	Name	Quantity	Remark
1	Centrifuge Machine	1pc	
2	Angle Rotor 8x50ml	1pc	
3	Gerber Tube (50ml)	8tubes	
4	Cork	8pcs	for gerber tube
5	Power Cable	1pc	
6	User Manual	1pc	
7	Qualified Certificate	1pc	
8	Packing List	1pc	